Product Datasheet

Conductive Universal Adhesive

UZIN KE 2000 SL

Conductive, fibre-reinforced adhesive for PVC, rubber, linoleum and textile floor coverings

MAIN APPLICATION FIELD:

- conductive rubber floor coverings in sheets up to 3 mm thickness
- conductive PVC floor coverings in sheets and tiles
- conductive textile floor coverings
- conductive linoleum up to 4 mm thickness

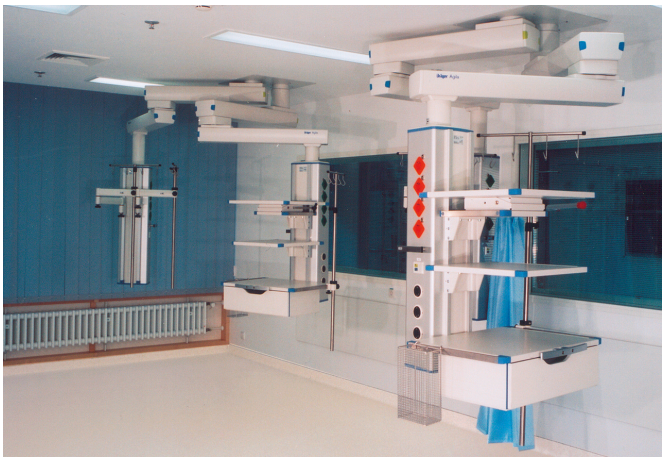
SUITABLE ON / FOR:

- absorbent and levelled substrates
- limitedly also on dense and non absorbent substrates
- warm water underfloor heating systems
- exposure to castor wheels in accordance with DIN EN 12 529
- wet shampooing and spray extraction cleaning according to RAL 991 A2
- heavy wear in residential, commercial and industrial locations

PRODUCT BENEFITS/FEATURES:

UZIN KE 2000 SL is a universal, electrocoductive and dispersion-based adhesive with very low emissions and a wide application area on levelled and absorbent substrates. The use on non or low absorbent substrates is also possible if special measures are taken into account. For interior use.

- distinctive conductive permanence
- excellent working properties
- low consumption



TECHNICAL DATA:

Packaging	plastic bucket
Pack size	14 kg
Shelf life	min. 12 months
Color, wet	dark grey
Color, dry	dark grey
Consumption	approx. 250 - 500 g/m²
Open time	10 - 30 minutes*
Working time	15 - 30 minutes*
Minimum application temperature	15 °C at ground level
Loadable	after approx. 24 hours*
Joint sealing	after approx. 24 hours*
Electrical resistance	according to DIN EN 13 415: < 3 x 10^5 Ω
Final strength	after approx. 3 days days*

*At 20 °C and 65% relative humidity, depending on the type of floor covering and the absorbency of the substrate.

GEV-EMICODE EC 1 PLUS very low emission

BLAUER ENGEL DAS UMWELTZEICHEN www.blauer-engel.de/uz12a

EPD

LEED® CONTRIBUTING PRODUCT

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UZIN KE 2000 SL

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and materials (dirt, oil, grease) that would impair adhesion. The surface must be vacuumed, primed and smoothed. Suitable primers and compounds can be found in the UZIN Product Guide. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Allow the primer and levelling compound to dry completely.

The datasheets for other used products have to be observed.

APPLICATION:

1. Apply an event coat of adhesive onto the substrate using a suitable notched trowel and allow to dry partially according to the application amount, the indoor climate, the absorbency of the substrate and the type of floor covering. Do not apply more adhesive than can be laid with good transfer onto the back of the covering within the working time.
2. Install the floor covering within a short open time and ensure the adhesive ridge is pressed out. Rub in or roll over and apply weight against any flooring deformation. Ensure that air is not trapped under the covering. Allow the area to rest for 20 minutes and then roll over again and rub in at edge and seams.
3. Remove adhesive residues while fresh with water.

CONDUCTION SYSTEM:

Consult the floor covering manufacturer for the conductive system; the following versions are possible:

With copper tape tag (sheet coverings):

For every 30 m² install approx. 1.5 metres of self-adhesive UZIN Copper-Strip to an earth connection point. The distance between individual copper-strip tags must not exceed 7 m.

With UZIN conductive copper tape:

Install a UZIN copper-strip to the substrate centrally along the length of every sheet width and from wall to wall. Connect the ends of the strips with a cross-strip laid approx. 30 cm from the wall. For every approx. 30 m² of area, leave exposed one strip for use as an earth connection point.

The conductive system must be earthed by an electrician according to VDE regulation.

CONSUMPTION INFORMATION:

Toothing	Consumption approx.*
Pajarito 779/7	250 - 350 g/m²
S2	400 - 500 g/m²

*At 20 °C and 65 % relative humidity with tempered adhesive buckets.

IMPORTANT NOTES:

- A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -6 °C. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- Best applied between 18 - 25 °C, with the floor temperature above 15 °C and relative air humidity below 65%. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time.
- Non-absorbent substrates prolong the flash-off time, which is why adhesive bonding is recommended here. Alternatively, PVC sheeting can also be applied using the double-drop method. In this case, the adhesive is applied with a notched trowel and immediately rolled off roughly with the UZIN foam roller. The covering can then be quickly placed in the adhesive film and rolled on.
- Humid substrates may cause secondary emissions and odours. Therefore, ensure the compound is dry before applying the adhesive.
- Installations onto substrates with old adhesive residues may cause interactions and lead to unpleasant odours. Ideally these should be removed completely. In all situations adhesive residues must be remedied via the use of primers and coatings of compound at least 3 mm thick.
- Before installing, the floor covering must be adequately acclimatised to the indoor climate and free from tension.
- Non-absorbent substrates extend the flash-off time can be shortened by means of the double-drop method. In this process, the adhesive is applied with a notched trowel, the floor covering is inserted an immediately knocked back again. The flooring can then be placed in the adhesive film and rolled on.
- For use on installation underlays, e.g. on UZIN RR 185, obtain application advice.
- In extreme temperatures due to exposure from light, heavy mechanical strain from pallet trucks, fork lifts, etc. or when exposed to moisture from above, obtain application advice if in doubt.
- When sealing, cleaning and maintaining the floor covering, products from the UZIN Care range can be used (UZIN Basic Cleaner, UZIN Turbo Protect Plus, UZIN Resilient Care, UZIN Refresher). For further information please refer to the product data sheets.
- Follow the generally acknowledged rules of the trade and technology for the installation of floor covering in respective of the applicable national standards (e.g. END, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- Solvent-free
- EMICODE EC 1 PLUS / Very low emission
- Blue Angel according to DE-UZ 113 / Environmentally friendly because of low emissions
- European Model EPD
- Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Polymer dispersion, modified resins, fibres, preservation agents, mineral aggregates, additives and water.

This product is intended exclusively for professional use by qualified commercial users. It must not be supplied to consumers. The above information is based on our experience and careful investigations. The variety of associated materials and different constructions and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our website under www.uzin.com | 09/2026

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. Use of barrier cream and ventilation of the work area are recommended. Keep out of the reach of children. Do not eat, drink or smoke during the installation. After contact with eyes or skin, wash immediately with plenty of water. Do not allow dispersal into drains, sewers or ground. Rinse tools with water and soap immediately after use. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound. Product contains isothiazolinones, Bronopol. Hotline for allergy information +49 731 4097-0.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.

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